

FORM 1449 OCT 2001 APR 15 2002 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12052.20US01	Application Number: 09/382,182
		Applicant: HAGIWARA	
		Filing Date: August 24, 1999	Group Art Unit: 1763

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	TRANSLATION DATE (IF APPROPRIATE)
grag	4,634,496 ✓	January, 1987	Mase, et al.			
	4,673,456 ✓	June, 1987	Specnser, et al.			
	5,178,957 ✓	January, 1993	Kolpe, et al.			
	5,252,177 ✓	October, 1993	Hong, et al.			
	5,399,237 ✓	March, 1995	Keswick, et al.			
	5,472,488 ✓	December, 1995	Allman			
	5,665,643 ✓	Scptember, 1997	Shin			
	5,665,845 ✓	September, 1997	Allman			
	5,932,487 ✓	August, 1999	Lou, et al.			
grag	5,891,234 ✓	April, 1999	Koyanagi, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	TRANSLATION	
					RE	TE
grag	9-64037 ✓	March, 1997	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



EXAMINER	George Goudreau	DATE CONSIDERED	5-02
----------	-----------------	-----------------	------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.